



Energy Funding Opportunities



Energy Efficiency and Conservation Block Grant (EECBG) Program

Competitive Grant Workshop

June 2010



Workshop Agenda



- Welcome and Introductions
- Overview of the Competitive Grant Program
- Eligible Projects
- Grant Proposal Content
- Evaluation & Ranking
- Special Conditions and Program Requirements
- Program Timeline
- Information Resources
- Questions

Competitive Grant Program



- Over \$3.8 Million Dollars in competitive grants
- Eligible uses of funds – *not* limited to NEPA Categorical Exemptions... *but strongly recommended*
- Minimum Award of \$25,000; maximum of \$500,000 per local government
- Application Deadline: **July 9, 2010**
- Grant Awards Announced: by September 1, 2010
- Contract Agreement with Flow Down Requirements

Eligible Uses of Funds



- Recovery Act Objectives:
 - ✓ Spur economic growth and create jobs
 - ✓ Transparency & accountability
 - ✓ Save energy and reduce greenhouse gas emissions
 - ✓ Invest funds to stimulate economy now

Eligible Uses of Funds



- Competitive Program prioritizes:
- Energy efficiency and energy conservation
- Community wide investments-not just municipal facilities
- Capital projects and programs
- Prioritize activities that pay dividends year after year

Competitive Grant Program



Applicant Eligibility

- 47 municipal governments that did not receive a direct grant from the U.S. Department of Energy
- Applicants must have participated in the Energy Audit Program or otherwise must conduct an energy audit.

Multiple Applications

- One or more proposals for each eligible local government
- One proposal will be accepted per partnership.
- Total request for funds may not exceed the maximum award per eligible government.

Eligible Partnerships

- Other eligible local governments,
- Non-profit organizations,
- Utilities located or providing services within one or all of their jurisdictions
- Sustainable Energy Utility
- One local government must serve as the Lead Applicant and is responsible for administration of the award, including reporting requirements

Eligible Activities

Requiring No Additional NEPA Review

• Strategic Plan

- ✓ Opportunity to create or modify a community energy/sustainability/climate/clean energy plan.
- ✓ Technical consultant to develop goals
- ✓ Provide expert guidance to measure progress in achieving your goals
- ✓ Identify strategies to achieve goals

• Building Energy Audits

- ✓ Fund city-wide residential energy efficiency audit program
- ✓ Provide small business audit and retrofit initiative
- ✓ Point-of-sale audit requirement
- ✓ Conduct benchmarking using tools such as Portfolio Manager

Eligible Activities Requiring No Additional NEPA Review

- Financial Incentive Programs for Energy Efficiency

- ✓ Create a revolving loan fund
- ✓ Amortize loans over long time periods
- ✓ Buy down interest rates
- ✓ Reduce costs through aggregation
- ✓ Provide on-bill financing
- ✓ Use Energy Saving Performance Contracts

- Energy Efficiency Retrofits

- ✓ Fund residential, commercial, industrial, or local government energy efficiency facility retrofits
- ✓ Implement energy service company retrofit recommendations
- ✓ Conduct building retrofit training

Eligible Activities

Requiring No Additional NEPA Review

- Energy Efficiency and Conservation Programs for buildings & facilities

- ✓ Design and operation of the programs, including: identifying the most effective methods for achieving the maximum participation and efficiency rates; public education, measurement and verification protocols
- ✓ Establish high performance building practices;
- ✓ Improve coordination of energy-related policies

- Development & Implementation of transportation programs

- ✓ Employee flex time programs
- ✓ Promote use of satellite work centers
- ✓ Development and promotion of zoning guidelines or requirements that promote energy efficient development
- ✓ Synchronization of traffic signals

Eligible Activities

Requiring No Additional NEPA Review

• Building Codes & Enforcement

- ✓ Provide advanced training to builders and/or installers of materials or systems required by new energy codes
- ✓ Promote high performance buildings:
 - Green Buildings
 - US DOE Builders Challenge
 - Net Zero homes

• Traffic Signals & Street Lighting

- ✓ Install and/or replace traffic signals and street lighting with energy efficient lighting technologies, including light emitting diodes; and any other technology of equal or greater energy efficiency
- ✓ Implement traffic light synchronization.

Eligible Activities

Requiring No Additional NEPA Review

• Material Conservation Programs

- ✓ Implement activities to increase participation and efficiency rates for material conservation programs, source reduction, recycling, etc.
- ✓ Implement a Zero Waste Initiative that lead to increases in energy efficiency
- ✓ Implement a sustainable purchasing policy
- ✓ Conduct business and industrial waste audits

• Renewable Energy Technologies on Government Buildings

- ✓ Develop, implement, and install onsite renewable energy technology that generates electricity from renewable resources, including solar energy; wind energy; geothermal
- ✓ Develop a city-wide power purchase agreement for solar/renewable energy installations on all municipal facilities and buildings
- ✓ Install renewable energy systems on targeted city facilities—park facilities, libraries, fire stations, etc.

Grant Proposal Content



- Cover Sheet (provided in RFP)
- Proposal – Summary Narrative
 - Provide a brief summary of the proposal
 - describe how the project supports EECBG program objectives and competitive program priorities.

Grant Proposal Content



- **Scope of Work & Schedule**

- Describe the project scope of work as a timeline emphasizing the tasks that must be completed in order to expend funding within 24 months from the time of award
- Provide sufficient information for each project activity to permit DEO to evaluate the technical feasibility of the activity and the accuracy of the estimated energy savings & implementation cost.

- **Budget & Budget Narrative**

- Provide a detailed cost estimate for the completion of the project to include: personnel cost, fringe benefits, travel, project equipment, supplies, contractual, total direct & indirect cost, and any leveraged funds.

Grant Proposal Content



- Project Impact (Metrics)
 - Annual & total estimated energy savings
 - Annual & total estimated greenhouse gas reductions
 - Renewable energy technology installed
 - Total jobs created or retained

Evaluation & Ranking Process



1. Energy Saved Per Grant Dollar

- Demonstrates strong energy savings, emission reduction and payback
- Shown as kwh or Btu saved

2. Renewable Energy Generated

- Displaces consumption of fossil fuels
- Size of system in kW
- kWh or btu generated annually and percentage reduction

3. Greenhouse Gas Emissions Reduction

- CO₂ equivalent in tons

Evaluation & Ranking Process



4. Direct or Indirect Economic Value within Delaware:

- project readiness
- job creation & retention
- community- wide economic benefits
- stimulates in-state capital investment, economic development and workforce growth
- funding impact for the long term

5. Leverage of Funds

- Federal, private or other public funds


Evaluation & Ranking Process



6. Partnerships

- other eligible municipalities
- non-profits
- local utility
- Sustainable Energy Utility (SEU)

Scoring Criteria



• Energy Savings per Grant Dollar	35 points
• Renewable Energy Generated	20 points
• Greenhouse Gas Reduction	20 points
• Direct/Indirect benefit to DE	15 points
• Leveraged funds/resources	10 points
• Education & Outreach	5 points

Special Conditions for Competitive Grants



- Davis Bacon Act (prevailing wages)
- Coordination with State Office of Historic Preservation is required
- Buy American Act
- NEPA review required for all projects that are not categorically excluded
- Waste Management Plan

Davis Bacon Act

- Prevailing wage requirements applies to all laborers and mechanics
- Applies to all contracts for construction and repair > \$2,000.00
- Requires weekly collection of payroll



Historic Preservation



- All projects sites are subject to review under SHPO regulations.
- For information on submitting projects for Section 106 review, contact Joan Larrivee at 302-736-7400 or joan.larrivee@state.de.us

Buy American Act



- Requires use of American iron, steel and manufactured goods in projects.
- Waivers have been issued for:
 - LED lighting, HVAC, CFL's, LED Traffic Lights, Electronic Ballasts

Waste Management Plan



Should be submitted with the Competitive Grant Application and kept on file. Plan must address:



- Type(s) and estimated volume(s) of waste that the project proponent anticipates will be generated; and
- The disposal path for each waste stream (e.g., landfill disposal, recycling, reuse).

Invoicing & Reporting Requirements



- Monthly Invoicing
 - Invoices (expenditures to contractors & vendors)
 - Davis Bacon documentation
- Monthly & Quarterly Reports
 - Reports on hours worked (jobs created/retained)
 - Energy Savings & GHG Emission Reductions
- Financial Reports
- Special Status Report - as required
- **JUNE 23rd Reporting Workshop**

Competitive Grant Program Timeline



- RFP Question Response June 15, 2010
- **Proposals Due** **July 9, 2010**
- Proposals Reviewed July-August 2010
- **Awards Announced** **September 1, 2010**
- Grants run through September 1, 2012

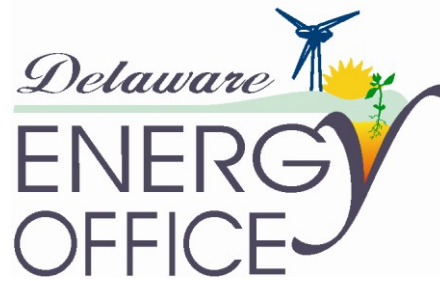
Information Resources



For additional information on the EECBG Program
visit: <http://www.eecbg.energy.gov/>

For information on project development visit the
EECBG Solution Center:
www.eecbg.gov/solutioncenter/default.html

Presentations, handouts, technical assistance



For questions and assistance, contact

Suzanne Sebastian, Cara Lampton or Robert Prosser
Delaware Energy Office

Suzanne.Sebastian@state.de.us

Cara.Lampton@state.de.us

Robert.Prosser@state.de.us

(302) 735-3480

www.energy.dnrec.delaware.gov